

Boring Log

Kennedy/Jenks Consultants

BORING LOCATION										Boring Name 2BB-2-1	
Area 2, Building 54										Project Name Douglas Aircraft	
DRILLING COMPANY										DRILLER Joe Abreau	
Quaternary Investigations										Project Number 974002.00	
DRILLING METHOD (S)										ELEVATION	
Earth Probe										Not Surveyed	
DEPTH TO WATER										TOTAL DEPTH	
Not Encountered										10 feet	
LOGGED BY										DATE STARTED	
S. Scrimshire										4/14/97	
DATE COMPLETED										4/14/97	
Driven	Recovered	Collected	Penetration Resistance (blow/foot)	Head Space (ft/in)	Depth (feet)	Lithology	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS		
							ML	10YR 3/2	Asphalt, 3"		
							ML	2.5Y 4/4	Clayey SILT: very dark gray brown, firm, moist		
					5			10YR 4/2	Sandy SILT: olive brown, fine sand, soft, slightly moist		
								10YR 4/4	dark gray brown		
									dark yellow brown		
							ML	10YR 4/3	Clayey SILT with Sand: brown, fine sand, firm, slightly moist		
					10				Boring terminated at 10 feet.		
					15						
					20						
					25						
					30						
					35						
					40						

Boring Log

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BORING LOCATION Area 2, Transformer Substation					Boring Name 2BB-2-2	
DRILLING COMPANY Precision Sampling			DRILLER Stewart King		Project Name Douglas Aircraft	
DRILLING METHOD (S) XD-I			DRILL BIT (S) SIZE 2.5 inches		Project Number 974002.00	
DEPTH TO WATER Not Encountered					ELEVATION Not Surveyed	TOTAL DEPTH 10 feet
LOGGED BY D. Schneeberger					DATE STARTED 5/7/97	DATE COMPLETED 5/7/97

Driven	Recovered	Collected	Penetration Resistance (blow/foot)	Head Space Remaining (feet)	Depth (feet)	Lithology	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS
							CL	5Y 3/2	Asphalt, 3" Sandy CLAY: dark olive gray, soft to medium stiff, moist, moderately plastic, fine to medium sand
					5		ML	5Y 4/2	Clayey SILT: olive gray, moderately stiff, moist, slightly plastic, trace of fine sand
							SC	5Y 4/2	Clayey Fine SAND: olive gray, moderately stiff, moist, slightly plastic, trace of silt
					10				Boring terminated at 10 feet.
					15				
					20				
					25				
					30				
					35				
					40				

Boring Log

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BORING LOCATION Area 2, Tool Storage Yard					Boring Name 2BB-2-3	
DRILLING COMPANY Quaternary Investigations			DRILLER Joe Abreau		Project Name Douglas Aircraft	
DRILLING METHOD (S) Earth Probe			DRILL BIT (S) SIZE 1.5 inches		Project Number 974002.00	
DEPTH TO WATER Not Encountered					ELEVATION Not Surveyed	TOTAL DEPTH 10 feet
LOGGED BY J. Knight					DATE STARTED 4/14/97	DATE COMPLETED 4/14/97

SAMPLES					Depth (feet)	Lithology	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS
Driven	Recovered	Collected	Penetration Resistance (blowcount)	Head Space Reading (in)					
						CL	10YR 2/2	Asphalt, 3"	
							10YR 3/6	Silty CLAY: very dark brown, stiff, moist	
					5	ML	2.5Y 4/4	dark yellow brown	
								Clayey SILT: olive brown, very stiff, slightly moist	
								increasing clay	
					10		2.5Y 5/4	light olive brown, some fine sand	
								Boring terminated at 10 feet.	
					15				
					20				
					25				
					30				
					35				
					40				

Boring Log

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BORING LOCATION Area 2, Tool Storage Yard		Boring Name 2BB-2-4	
DRILLING COMPANY Quaternary Investigations		DRILLER Joe Abreau	
DRILLING METHOD (S) Earth Probe		DRILL BIT (S) SIZE 1.5 inches	
DEPTH TO WATER Not Encountered		ELEVATION Not Surveyed	TOTAL DEPTH 10 feet
LOGGED BY J. Knight		DATE STARTED 4/14/97	DATE COMPLETED 4/14/97

SAMPLES					Depth (feet)	Lithology	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS
Driven	Recovered	Collected	Penetration Resistance (blows/foot)	Head Space Remaining (in)					
					5.3		CL	10YR 3/2	Asphalt, 3" Silty CLAY: very dark gray brown, stiff, moist
					5.3				
					5		ML	2.5Y 4/4	Clayey SILT: olive brown, hard, dry
					5.2				some fine sand, very stiff, slightly moist
					10				Boring terminated at 10 feet.
					15				
					20				
					25				
					30				
					35				
					40				

Boring Log


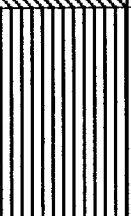

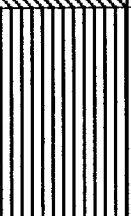

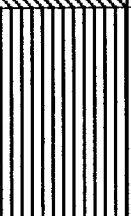
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BORING LOCATION Area 2, Tool Storage Yard						Boring Name 2BB-2-5	
DRILLING COMPANY Quaternary Investigations				DRILLER Joe Abreau		Project Name Douglas Aircraft	
DRILLING METHOD (S) Earth Probe				DRILL BIT (S) SIZE 1.5 inches		Project Number 974002.00	
DEPTH TO WATER Not Encountered						ELEVATION Not Surveyed	
LOGGED BY J. Knight						DATE STARTED 4/14/97	
						TOTAL DEPTH 10 feet	
						DATE COMPLETED 4/14/97	

Driven	Recovered	Collected	Penetration Resistance (blows/inch)	Head Space (inches)	Depth (feet)	Lithology	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS
									fill
					5.6		CL	10YR 3/2	Silty CLAY: very dark gray brown, stiff, moist
					5			10YR 3/3 2.5Y 5/6	mottled dark brown and light olive brown, firm, moist
					6.2		ML	2.5Y 4/4	Clayey SILT: olive brown, some fine sand, firm, moist
					10				1-inch lense of fine gravel
					10				Boring terminated at 10 feet.
					15				
					20				
					25				
					30				
					35				
					40				

Boring Log

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BORING LOCATION Area 2, Tool Storage Yard					Boring Name 2BB-2-6																																																																																																													
DRILLING COMPANY Quaternary Investigations			DRILLER Joe Abreau		Project Name Douglas Aircraft																																																																																																													
DRILLING METHOD (S) Earth Probe			DRILL BIT (S) SIZE 1.5 inches		Project Number 974002.00																																																																																																													
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LOGGED BY J. Knight					DATE STARTED 4/14/97																																																																																																													
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Boring Log

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BORING LOCATION Area 2, Tool Storage Yard		Boring Name 2BB-2-7
DRILLING COMPANY Quaternary Investigations	DRILLER Joe Abreau	Project Name Douglas Aircraft
DRILLING METHOD (S) Earth Probe	DRILL BIT (S) SIZE 1.5 inches	Project Number 974002.00
DEPTH TO WATER Not Encountered		ELEVATION Not Surveyed
LOGGED BY S. Scrimshire		TOTAL DEPTH 10 feet
		DATE STARTED 4/14/97
		DATE COMPLETED 4/14/97

SAMPLES					Depth (feet)	Lithology	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS
Driven	Recovered	Collected	Penetration (lb/inch)	Head Space Reading (in)					
				0			ML	10YR 2/2	Clayey SILT: very dark brown, soft, moist
				0					some fine sand
					5		ML	2.5Y 4/3	Sandy SILT with Clay: olive brown, fine sand, soft, moist
								2.5Y 4/4	no clay, olive brown
				0			ML	2.5Y 4/4	Clayey SILT: olive brown, soft, moist
					10				Boring terminated at 10 feet.
					15				
					20				
					25				
					30				
					35				
					40				

Boring Log

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BORING LOCATION Area 2, Tool Storage Yard										Boring Name 2BB-2-8	
DRILLING COMPANY Quaternary Investigations						DRILLER Joe Abreau		Project Name Douglas Aircraft			
DRILLING METHOD (S) Earth Probe						DRILL BIT (S) SIZE 1.5 inches		Project Number 974002.00			
DEPTH TO WATER Not Encountered								ELEVATION Not Surveyed		TOTAL DEPTH 10 feet	
LOGGED BY S. Scrimshire								DATE STARTED 4/14/97		DATE COMPLETED 4/14/97	

SAMPLES					Depth (feet)	Lithology	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS
Driven	Recovered	Collected	Penetration Resistance (blows/foot)	Head Space Reading (in)					
				0		CL	10YR 3/2	Silty CLAY: very dark gray brown, firm, slightly moist	
				0		ML	2.5Y 3/2	Clayey SILT: dark olive brown, firm, slightly moist	
				5			2.5Y 4/4	olive brown, moist, soft some fine sand	
				0					
				10				Boring terminated at 10 feet.	
				15					
				20					
				25					
				30					
				35					
				40					

Boring Log

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BORING LOCATION Area 2, Tool Storage Yard		Boring Name 2BB-2-9
DRILLING COMPANY Quaternary Investigations	DRILLER Joe Abreau	Project Name Douglas Aircraft
DRILLING METHOD (S) Earth Probe	DRILL BIT (S) SIZE 1.5 inches	Project Number 974002.00
DEPTH TO WATER Not Encountered		ELEVATION Not Surveyed
LOGGED BY J. Knight		TOTAL DEPTH 10 feet
		DATE STARTED 4/15/97
		DATE COMPLETED 4/15/97

SAMPLES					Depth (feet)	Lithology	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS
Driven	Recovered	Collected	Penetration Resistance (blows/foot)	Head Space Reading (ft)					
					3.7		CL	10YR 3/2	Silty CLAY: very dark gray brown, very stiff, slightly moist
					4.2			10YR 3/2	very dark gray brown, abundant organic material
					5			2.5Y 4/3	olive brown, hard, dry
									decreasing organic material
					4.7		ML	2.5Y 4/3	Clayey SILT: olive brown, very stiff, dry, some organic material
					10				Boring terminated at 10 feet.
					15				
					20				
					25				
					30				
					35				
					40				

Boring Log

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BORING LOCATION Area 2, Tool Storage Yard					Boring Name 2BB-2-10																																																																		
DRILLING COMPANY Quaternary Investigations			DRILLER Joe Abreau		Project Name Douglas Aircraft																																																																		
DRILLING METHOD (S) Earth Probe			DRILL BIT (S) SIZE 1.5 inches		Project Number 974002.00																																																																		
DEPTH TO WATER Not Encountered					ELEVATION Not Surveyed	TOTAL DEPTH 10 feet																																																																	
LOGGED BY J. Knight					DATE STARTED 4/15/97	DATE COMPLETED 4/15/97																																																																	
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					35																																																																		
					40																																																																		

Boring Log

Kennedy/Jenks Consultants

BORING LOCATION Area 2, Tool Storage Yard					Boring Name 2BB-2-11A	
DRILLING COMPANY Quaternary Investigations			DRILLER Joe Abreau		Project Name Douglas Aircraft	
DRILLING METHOD (S) Earth Probe			DRILL BIT (S) SIZE 1.5 inches		Project Number 974002.00	
DEPTH TO WATER Not Encountered					ELEVATION Not Surveyed	TOTAL DEPTH 10 feet
LOGGED BY J. Knight					DATE STARTED 4/15/97	DATE COMPLETED 4/15/97

SAMPLES					Depth (feet)	Lithology	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS
Driven	Recovered	Collected	Penetration Resistance (blows/ft)	Head Space Reading (feet)					
X	X	X		3.2		CL	10YR 2/2	Silty CLAY: very dark brown, stiff, slightly moist	
X	X	X		3.1				2.5Y 3/3	dark olive brown, firm, moist
X	X	X		5				2.5Y 4/4	olive brown, very stiff, slightly moist
X	X	X		2.8		ML	2.5Y 5/6	Clayey SILT: light olive brown, stiff, slightly moist	
				10				Boring terminated at 10 feet.	
				15					
				20					
				25					
				30					
				35					
				40					

Boring Log

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BORING LOCATION Area 2- Tool Storage Yard		Boring Name 2BB-2-11B	
DRILLING COMPANY Water Development	DRILLER Brian Fulce	Project Name Douglas Aircraft	
DRILLING METHOD (S) CME-85, Hollow Stem Auger	DRILL BIT (S) SIZE 8 inches	Project Number 974002.00	
DEPTH TO WATER Not Encountered		ELEVATION Not Surveyed	TOTAL DEPTH 50 feet
LOGGED BY Ken Knight		DATE STARTED 3/7/97	DATE COMPLETED 3/7/97

SAMPLES				Depth (feet)	Lithology	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS
Driven	Recovered	Collected	Penetration Resistance (blows/ft)					
		2		18.7				Gravel Fill
		3				CL	7.5YR 3/2	CLAY: dark brown, minor silt, slightly moist, firm, slightly plastic
		4						
		4		43.9				
		5						
		7						
				5		ML	10YR 5/4	Sandy Clayey SILT: yellowish brown, slightly moist, stiff, moderately plastic
		4		6.2				
		11						
		15						
				10				
						SM	10YR 5/6	Silty SAND: yellowish brown, fine, slightly moist, trace of gravel, medium dense
		6						
		8						
		9						
				15				
		5		6.2				
		8						
		13						
				20				
						SP	10YR 5/6	SAND: yellowish brown with gray mottles, fine, poorly sorted, with silt, dry to slightly moist, medium dense
				25				
						CH	10YR 4/6	CLAY: yellowish brown with orange mottles, dry, hard, very plastic when wet
		26						
		28		2.0				
		38				SM	10YR 4/6	Silty SAND: yellowish brown, fine, slightly moist, very dense, trace of gravel, trace of mica
				30				
		9						
		10						
		26		35				
						SW	2.5Y 6/4	SAND: light yellowish brown, fine, trace of medium, mica, mafic grains, well graded, trace of silt, dry, dense
						ML	2.5Y 5/2	Clayey SILT: grayish brown with orange mottles, dry to slightly moist, moderately plastic
		8		14.5				
		10						
		13						
				40				

Boring Log

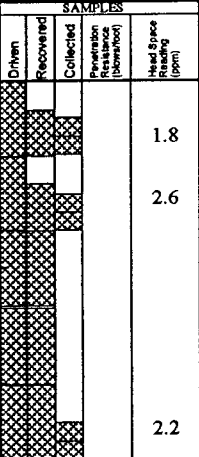
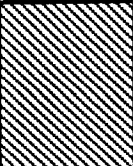
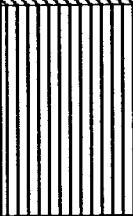
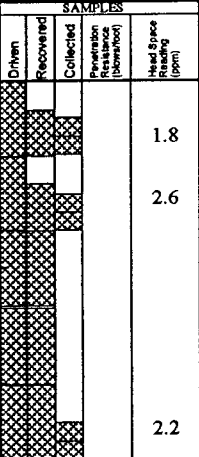
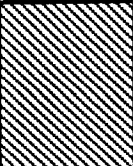
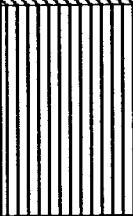
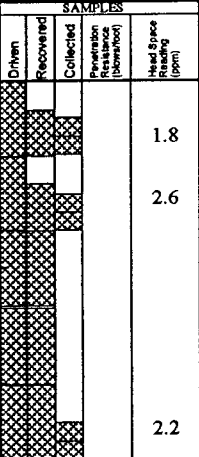
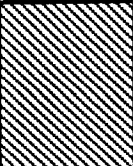
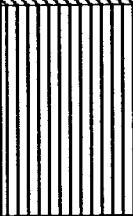
Kennedy/Jenks Consultants

BORING LOCATION Area 2- Tool Storage Yard					Boring Name 2BB-2-11B	
DRILLING COMPANY Water Development			DRILLER Brian Fulce		Project Name Douglas Aircraft	
DRILLING METHOD (S) CME-85, Hollow Stem Auger			DRILL BIT (S) SIZE 8 inches		Project Number 974002.00	
DEPTH TO WATER Not Encountered					ELEVATION Not Surveyed	TOTAL DEPTH 50 feet
LOGGED BY Ken Knight					DATE STARTED 3/7/97	DATE COMPLETED 3/7/97

SAMPLES					Depth (feet)	Lithology	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS
Driven	Recovered	Collected	Penetration Reading (blows/foot)	Head Space Reading (gpm)					
			18 30 32	6.2	45	ML	2.5Y 5/2	Clayey SILT (Continued): grayish brown with orange mottles, dry to slightly moist, very stiff, moderately plastic	
					45	SP	2.5Y 7/2	SAND: light gray, fine, subrounded, poorly graded, trace of silt, mafic grains, dry to slightly moist, very dense	
					50			Boring terminated at 50 feet.	
					55				
					60				
					65				
					70				
					75				
					80				

Boring Log

Kennedy/Jenks Consultants

BORING LOCATION Area 2, Tool Storage Yard					Boring Name 2BB-2-12																																																																																																									
DRILLING COMPANY Quaternary Investigations			DRILLER Joe Abreau		Project Name Douglas Aircraft																																																																																																									
DRILLING METHOD (S) Earth Probe			DRILL BIT (S) SIZE 1.5 inches		Project Number 974002.00																																																																																																									
DEPTH TO WATER Not Encountered					ELEVATION Not Surveyed	TOTAL DEPTH 10 feet																																																																																																								
LOGGED BY J. Knight					DATE STARTED 4/15/97	DATE COMPLETED 4/15/97																																																																																																								
<table border="1"><thead><tr><th colspan="5">SAMPLES</th><th rowspan="2">Depth (feet)</th><th rowspan="2">Lithology</th><th rowspan="2">USCS Log</th><th rowspan="2">Munsell Color</th><th rowspan="2">SOIL DESCRIPTION AND DRILLING REMARKS</th></tr><tr><th>Driven</th><th>Recovered</th><th>Collected</th><th>Penetration Resistance (blows/foot)</th><th>Head Space Remaining (inches)</th></tr></thead><tbody><tr><td colspan="5" rowspan="4"></td><td>1.8</td><td rowspan="2"></td><td rowspan="2">CL</td><td rowspan="2">2.5Y 3/1</td><td rowspan="2">Silty CLAY: very dark gray, firm, moist</td></tr><tr><td>2.6</td></tr><tr><td>5</td><td rowspan="2"></td><td rowspan="2">ML</td><td>2.5Y 5/6</td><td>Clayey SILT: light olive brown, stiff, slightly moist</td></tr><tr><td>2.2</td><td>2.5Y 4/4</td><td>olive brown, very stiff, slightly moist</td></tr><tr><td colspan="5"></td><td>10</td><td></td><td></td><td></td><td>Boring terminated at 10 feet.</td></tr><tr><td colspan="5"></td><td>15</td><td></td><td></td><td></td><td></td></tr><tr><td colspan="5"></td><td>20</td><td></td><td></td><td></td><td></td></tr><tr><td colspan="5"></td><td>25</td><td></td><td></td><td></td><td></td></tr><tr><td colspan="5"></td><td>30</td><td></td><td></td><td></td><td></td></tr><tr><td colspan="5"></td><td>35</td><td></td><td></td><td></td><td></td></tr><tr><td colspan="5"></td><td>40</td><td></td><td></td><td></td><td></td></tr></tbody></table>							SAMPLES					Depth (feet)	Lithology	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS	Driven	Recovered	Collected	Penetration Resistance (blows/foot)	Head Space Remaining (inches)						1.8		CL	2.5Y 3/1	Silty CLAY: very dark gray, firm, moist	2.6	5		ML	2.5Y 5/6	Clayey SILT: light olive brown, stiff, slightly moist	2.2	2.5Y 4/4	olive brown, very stiff, slightly moist						10				Boring terminated at 10 feet.						15										20										25										30										35										40				
SAMPLES					Depth (feet)	Lithology	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS																																																																																																					
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					5		ML	2.5Y 5/6	Clayey SILT: light olive brown, stiff, slightly moist																																																																																																					
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					10				Boring terminated at 10 feet.																																																																																																					
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Kennedy/Jenks Consultants

BOE-C6-0101108

Boring Log

Kennedy/Jenks Consultants

BORING LOCATION Area 2, Tool Storage Yard		Boring Name 2BB-2-14
DRILLING COMPANY Quaternary Investigations	DRILLER Joe Abreau	Project Name Douglas Aircraft
DRILLING METHOD (S) Earth Probe	DRILL BIT (S) SIZE 1.5 inches	Project Number 974002.00
DEPTH TO WATER Not Encountered		ELEVATION Not Surveyed
LOGGED BY J. Knight		TOTAL DEPTH 10 feet
		DATE STARTED 4/15/97
		DATE COMPLETED 4/15/97

SAMPLES					Depth (feet)	Lithology	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS
Driven	Recovered	Collected	Penetration Resistance (blows/foot)	Head Space Reading (SPM)					
							CL	10YR 3/3 10YR 4/4	Silty CLAY: mottled dark brown and dark yellow brown, stiff, slightly moist
					5		ML	2.5Y 5/6	Clayey SILT: light olive brown, stiff, slightly moist
				0.0	10			2.5Y 5/4	light olive brown, some fine sand
					15				Boring terminated at 10 feet.
					20				
					25				
					30				
					35				
					40				

Boring Log

Kennedy/Jenks Consultants

BORING LOCATION Area 2, Tool Storage Yard		Boring Name 2BB-2-15	
DRILLING COMPANY Quaternary Investigations	DRILLER Joe Abreau	Project Name Douglas Aircraft	
DRILLING METHOD (S) Earth Probe	DRILL BIT (S) SIZE 1.5 inches	Project Number 974002.00	
DEPTH TO WATER Not Encountered		ELEVATION Not Surveyed	TOTAL DEPTH 10 feet
LOGGED BY J. Knight		DATE STARTED 4/15/97	DATE COMPLETED 4/15/97

SAMPLES					Depth (feet)	Lithology	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS
Driven	Recovered	Collected	Penetration (blows/foot)	Head Space Reading (gpm)					
							CL	10YR 3/2	Silty CLAY: very dark gray brown, stiff, slightly moist
								10YR 3/3 10YR 4/4	mottled dark brown and dark yellow brown
					5	ML		2.5Y 5/6	Clayey SILT: light olive brown, very stiff, slightly moist
								2.5Y 4/4	olive brown, trace of fine sand
					10				Boring terminated at 10 feet.
					15				
					20				
					25				
					30				
					35				
					40				

Boring Log

Kennedy/Jenks Consultants

BORING LOCATION Area 2, Tool Storage Yard					Boring Name 2BB-2-16	
DRILLING COMPANY Quaternary Investigations			DRILLER Joe Abreau		Project Name Douglas Aircraft	
DRILLING METHOD (S) Earth Probe			DRILL BIT (S) SIZE 1.5 inches		Project Number 974002.00	
DEPTH TO WATER Not Encountered					ELEVATION Not Surveyed	TOTAL DEPTH 10 feet
LOGGED BY J. Knight					DATE STARTED 4/15/97	DATE COMPLETED 4/15/97

SAMPLES					Depth (feet)	Lithology	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS
Driven	Recovered	Collected	Penetration Resistance (blows/foot)	Head Space Reading (spn)					
					5	CL	10YR 2/1	Asphalt, 3" Silty CLAY: black, stiff, moist	
							10YR 3/2 10YR 4/6	mottled very dark gray brown and dark yellow brown	
						ML	2.5Y 5/6	Clayey SILT: light olive brown, trace of fine sand, stiff, slightly moist	
					10	ML	2.5Y 5/6	Sandy SILT: light olive brown, fine sand, some clay, stiff, slightly moist	
					15			Boring terminated at 10 feet.	
					20				
					25				
					30				
					35				
					40				

Boring Log

Kennedy/Jenks Consultants

BORING LOCATION Area 2, Tool Storage Yard		Boring Name 2BB-2-17
DRILLING COMPANY Quaternary Investigations	DRILLER Joe Abreau	Project Name Douglas Aircraft
DRILLING METHOD (S) Earth Probe	DRILL BIT (S) SIZE 1.5 inches	Project Number 974002.00
DEPTH TO WATER Not Encountered		ELEVATION Not Surveyed
LOGGED BY J. Knight		TOTAL DEPTH 10 feet
		DATE STARTED 4/15/97
		DATE COMPLETED 4/15/97

SAMPLES					Depth (feet)	Lithology	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS
Driven	Recovered	Collected	Penetration Resistance (blows/foot)	Head Space Reading (in)					
					2.4		CL	10YR 3/1	Asphalt, 3" Silty CLAY: very dark gray, firm, moist
					2.2		ML	2.5Y 4/4 2.5Y 5/6	Clayey SILT: olive brown, stiff, slightly moist light olive brown trace of fine sand
					0.9		ML	2.5Y 5/4	Sandy SILT: light olive brown, fine sand, firm, moist
					10				Boring terminated at 10 feet.
					15				
					20				
					25				
					30				
					35				
					40				

Boring Log

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BORING LOCATION Area 2, Tool Storage Yard		Boring Name 2BB-2-18	
DRILLING COMPANY Quaternary Investigations		Project Name Douglas Aircraft	
DRILLING METHOD (S) Earth Probe		Project Number 974002.00	
DEPTH TO WATER Not Encountered		ELEVATION Not Surveyed	TOTAL DEPTH 10 feet
LOGGED BY J. Knight		DATE STARTED 4/15/97	DATE COMPLETED 4/15/97

SAMPLES					Depth (feet)	Lithology	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS
Driven	Recovered	Collected	Penetration Resistance (blow/foot)	Head Space Reading (in)					
					1.3		CL	10YR 3/2	Asphalt, 3" Silty CLAY: very dark gray brown, firm, moist
					2.0		ML	2.5Y 4/4	Clayey SILT: olive brown, stiff, slightly moist
					5		ML	2.5Y 5/4	Sandy SILT: light olive brown, fine sand, firm, moist, some clay
							ML	2.5Y 5/4	Clayey SILT: light olive brown, firm, moist
					1.5				increasing clay
					10				Boring terminated at 10 feet.
					15				
					20				
					25				
					30				
					35				
					40				

Boring Log

Kennedy/Jenks Consultants

BORING LOCATION Area 2, Scrap Material Storage Yard		Boring Name 2BB-2-20	
DRILLING COMPANY Quaternary Investigations		Project Name Douglas Aircraft	
DRILLING METHOD (S) Earth Probe		Project Number 974002.00	
DEPTH TO WATER Not Encountered		ELEVATION Not Surveyed	TOTAL DEPTH 10 feet
LOGGED BY J. Knight		DATE STARTED 4/14/97	DATE COMPLETED 4/14/97
DRILL BIT (S) SIZE 1.5 inches			

SAMPLES					Depth (feet)	Lithology	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS
Driven	Recovered	Collected	Penetration Resistance (blows/inch)	Head Space (feet)					
				6.8			CL	10YR 2/1	Silty CLAY: black, firm, moist
				6.8				10YR 2/2	very dark brown, stiff, slightly moist
					5			2.5Y 4/4	olive brown, very stiff, slightly moist
				6.9			ML	2.5Y 4/4	grades to Clayey SILT: olive brown, some fine sand, stiff, slightly moist
					10				Boring terminated at 10 feet.
					15				
					20				
					25				
					30				
					35				
					40				

Boring Log

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BORING LOCATION Area 2, Scrap Material Storage Yard										Boring Name 2BB-2-21	
DRILLING COMPANY Quaternary Investigations										DRILLER Joe Abreau	
DRILLING METHOD (S) Earth Probe										DRILL BIT (S) SIZE 1.5 inches	
DEPTH TO WATER Not Encountered										ELEVATION Not Surveyed	
LOGGED BY S. Scrimshire										TOTAL DEPTH 10 feet	
										DATE STARTED 4/14/97	
										DATE COMPLETED 4/14/97	

Driven	Recovered	Collected	Penetration Resistance (blow/foot)	Head Space Reading (ft/in)	Depth (feet)	Lithology	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS
				0			ML	10YR 2/2	Sandy SILT: very dark brown, fine sand, firm, slightly moist
				0					some clay
					5		ML	10YR 5/4	Sandy SILT: dark yellow brown, fine sand, soft, slightly moist
				0				2.5Y 4/4	olive brown
					10				Boring terminated at 10 feet.
					15				
					20				
					25				
					30				
					35				
					40				

Boring Log

Kennedy/Jenks Consultants

BORING LOCATION Area 2, Scrap Material Storage Yard		Boring Name 2BB-2-22	
DRILLING COMPANY Quaternary Investigations	DRILLER Joe Abreau	Project Name Douglas Aircraft	
DRILLING METHOD (S) Earth Probe	DRILL BIT (S) SIZE 1.5 inches	Project Number 974002.00	
DEPTH TO WATER Not Encountered		ELEVATION Not Surveyed	TOTAL DEPTH 26 feet
LOGGED BY J. Knight		DATE STARTED 4/11/97	DATE COMPLETED 4/11/97

SAMPLES				Depth (feet)	Lithology	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS
Driven	Recovered	Collected	Penetration Resistance (blows/foot)					
				7.2		CL	10YR 3/2	Asphalt, 4" Silty CLAY: very dark brown, firm, moist
				7.8			2.5Y 4/4	olive brown, firm, moist
				5		ML	2.5Y 4/4	Sandy SILT: olive brown, fine sand, firm, moist
								some clay, stiff, slightly moist
				7.8		ML	2.5Y 4/4	Clayey SILT: olive brown, stiff, slightly moist
				7.8		ML	2.5Y 5/6	Sandy SILT: light olive brown, fine sand, stiff, slightly moist
				7.9		SM	2.5Y 6/6	Silty SAND: olive yellow, fine, loose, dry
				8.2			5Y 7/4	pale yellow, loose, slightly moist
								Boring terminated at 26 feet.
				30				
				35				
				40				

Boring Log

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BORING LOCATION Area 2, LADWP Substation		Boring Name 2BB-2-23	
DRILLING COMPANY Quaternary Investigations		DRILLER Joe Abreau	
DRILLING METHOD (S) Earth Probe		Project Name Douglas Aircraft	
DEPTH TO WATER Not Encountered		Project Number 974002.00	
LOGGED BY J. Knight		ELEVATION Not Surveyed	TOTAL DEPTH 26 feet
		DATE STARTED 4/10/97	DATE COMPLETED 4/10/97

SAMPLES					Depth (feet)	Lithology	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS
Driven	Recovered	Collected	Penetration Resistance (blows/foot)	Head Space Remaining (feet)					
					6.2		CL	10YR 3/3	Asphalt, 4" Silty CLAY: dark brown, firm, moist
					5.9			10YR 4/4	dark yellow brown, some fine sand, stiff, slightly moist
					5			10YR 3/3 10YR 5/6	mottled dark brown and yellow brown
					7.1			2.5Y 4/3	olive brown, very stiff, moist
					7.2		ML	2.5Y 5/6	Sandy SILT: light olive brown, fine sand, firm, moist
					7.3		SM	2.5Y 6/4	Silty SAND: light yellow brown, fine, loose, moist
					7.7			5Y 7/4	pale yellow, loose, slightly moist
									Boring terminated at 26 feet.

Boring Log

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BORING LOCATION Area 2, Scrap Material Storage Yard		Boring Name 2BB-2-24	
DRILLING COMPANY Quaternary Investigations		Project Name Douglas Aircraft	
DRILLING METHOD (S) Earth Probe		Project Number 974002.00	
DEPTH TO WATER Not Encountered		ELEVATION Not Surveyed	TOTAL DEPTH 10 feet
LOGGED BY J. Knight		DATE STARTED 4/10/97	DATE COMPLETED 4/10/97

SAMPLES					Depth (feet)	Lithology	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS
Driven	Recovered	Collected	Penetration (lb/inch)	Unit Weight (pcf)					
					5.6		CL	2.5Y 4/4	Asphalt, 4" Silty CLAY: olive brown, stiff, slightly moist
					6.3			10YR 3/6	dark yellow brown, very stiff, slightly moist
					5		ML	2.5Y 4/4	Sandy SILT: olive brown, fine sand, firm, moist some clay
					7.2		CL	2.5Y 4/4	Silty CLAY: olive brown, stiff, moist
					10				Boring terminated at 10 feet.
					15				
					20				
					25				
					30				
					35				
					40				

Boring Log

Kennedy/Jenks Consultants

BORING LOCATION Area 2, Scrap Material Storage Yard		Boring Name 2BB-2-25
DRILLING COMPANY Quaternary Investigations	DRILLER Joe Abreau	Project Name Douglas Aircraft
DRILLING METHOD (S) Earth Probe	DRILL BIT (S) SIZE 1.5 inches	Project Number 974002.00
DEPTH TO WATER Not Encountered		ELEVATION Not Surveyed
LOGGED BY J. Knight		TOTAL DEPTH 10 feet
		DATE STARTED 4/10/97
		DATE COMPLETED 4/10/97

SAMPLES					Depth (feet)	Lithology	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS
Driven	Recovered	Collected	Penetration Resistance (blows/foot)	Head Space Reading (in)					
					4.9		ML	2.5Y 4/4	Clayey SILT: olive brown, firm, moist
					6.8				soft, moist
					5				
								10YR 4/3 10YR 4/6	mottled dark brown and dark yellow brown, very soft, moist
					6.3		ML	2.5Y 4/4	Sandy SILT: olive brown, fine sand, trace of clay, firm, moist
					10				Boring terminated at 10 feet.
					15				
					20				
					25				
					30				
					35				
					40				

Boring Log

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BORING LOCATION Area 2, Scrap Material Storage Yard						Boring Name 2BB-2-26			
DRILLING COMPANY Quaternary Investigations				DRILLER Joe Abreau		Project Name Douglas Aircraft			
DRILLING METHOD (S) Earth Probe				DRILL BIT (S) SIZE 1.5 inches		Project Number 974002.00			
DEPTH TO WATER Not Encountered						ELEVATION Not Surveyed			
LOGGED BY J. Knight						TOTAL DEPTH 10 feet			
						DATE STARTED 4/10/97			
						DATE COMPLETED 4/10/97			
SAMPLES					Depth (feet)	Lithology	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS
Driven	Recovered	Collected	Penetration Resistance (blows/inch)	Head Space (inches)					
				4.9	[Vertical Lines]	ML	2.5Y 4/3	Clayey SILT: olive brown, firm, moist	
				5			2.5Y 3/3	dark olive brown, soft, moist	
				6.5			2.5Y 4/2	dark gray brown, soft, moist	
				10				Boring terminated at 10 feet.	
				15					
				20					
				25					
				30					
				35					
				40					

Boring Log

Kennedy/Jenks Consultants


BORING LOCATION Area 2, Scrap Material Storage Yard					Boring Name 2BB-2-27	
DRILLING COMPANY Quaternary Investigations			DRILLER Joe Abreau		Project Name Douglas Aircraft	
DRILLING METHOD (S) Earth Probe			DRILL BIT (S) SIZE 1.5 inches		Project Number 974002.00	
DEPTH TO WATER Not Encountered					ELEVATION Not Surveyed	
LOGGED BY J. Knight					DATE STARTED 4/10/97	
					TOTAL DEPTH 10 feet	
					DATE COMPLETED 4/10/97	

SAMPLES					Depth (feet)	Lithology	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS
Open	Recovered	Collected	Penetration Resistance (blows/inch)	Head Space Reading (in)					
					5.1	ML	10YR 4/4	Clayey SILT: dark yellow brown, firm, moist	
					7.2		10YR 4/4 10YR 3/2	mottled dark yellow brown and very dark gray brown, soft, moist	
					5				
							2.5Y 4/4	olive brown, stiff, moist	
					5.6				
					10			Boring terminated at 10 feet.	
					15				
					20				
					25				
					30				
					35				
					40				

Boring Log

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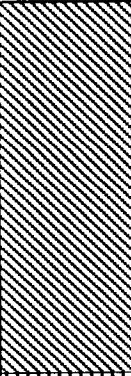
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DRILLING COMPANY Quaternary Investigations			DRILLER Joe Abreau		Project Name Douglas Aircraft	
DRILLING METHOD (S) Earth Probe			DRILL BIT (S) SIZE 1.5 inches		Project Number 974002.00	
DEPTH TO WATER Not Encountered					ELEVATION Not Surveyed	
LOGGED BY J. Knight					DATE STARTED 4/10/97	
					TOTAL DEPTH 10 feet	
					DATE COMPLETED 4/10/97	

SAMPLES					Depth (feet)	Lithology	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS
Driven	Recovered	Collected	Penetration Resistance (blowcount)	Head Space Reading (inch)					
				4.6		CL	10YR 2/2	Silty CLAY: very dark brown, some gravel lenses, firm, moist	
				5		10YR 3/3	dark brown, soft, moist		
				10				Boring terminated at 10 feet.	
				15					
				20					
				25					
				30					
				35					
				40					

Boring Log

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BORING LOCATION Area 2, Scrap Material Storage Yard						Boring Name 2BB-2-29	
DRILLING COMPANY Quaternary Investigations				DRILLER Joe Abreau		Project Name Douglas Aircraft	
DRILLING METHOD (S) Earth Probe				DRILL BIT (S) SIZE 1.5 inches		Project Number 974002.00	
DEPTH TO WATER Not Encountered						ELEVATION Not Surveyed	TOTAL DEPTH 11 feet
LOGGED BY J. Knight						DATE STARTED 4/10/97	DATE COMPLETED 4/10/97

SAMPLES					Depth (feet)	Lithology	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS
Driven	Recovered	Collected	Penetration Resistance (blows/foot)	Head Space (inches)					
					7.5		CL	10YR 3/2	Silty CLAY: very dark gray, firm, moist
					8.2		10YR 3/1	dark brown, firm, moist	
					5		10YR 4/4 10YR 3/3	mottled dark yellow brown and dark brown, soft, moist	
					4.9	10	ML	2.5Y 4/4	Clayey SILT: olive brown, stiff, moist
									Boring terminated at 11 feet.
					15				
					20				
					25				
					30				
					35				
					40				

Boring Log

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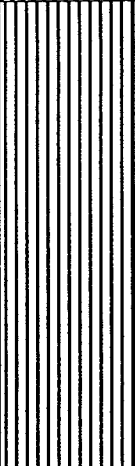
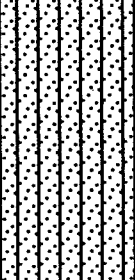
BORING LOCATION Area 2, Scrap Material Storage Yard		Boring Name 2BB-2-30
DRILLING COMPANY Quaternary Investigations	DRILLER Joe Abreau	Project Name Douglas Aircraft
DRILLING METHOD (S) Earth Probe	DRILL BIT (S) SIZE 1.5 inches	Project Number 974002.00
DEPTH TO WATER Not Encountered		ELEVATION Not Surveyed
LOGGED BY J. Knight		TOTAL DEPTH 10 feet
		DATE STARTED 4/10/97
		DATE COMPLETED 4/10/97

SAMPLES					Depth (feet)	Lithology	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS
Driven	Recovered	Collected	Penetration Resistance (blows/foot)	Head Space Reading (ppm)					
					8.3		ML	10YR 3/4	Clayey SILT: dark yellow brown, stiff, slightly moist
					5		CL	10YR 3/2 2.5Y 4/4 10YR 3/3	Silty CLAY: very dark gray brown, firm, moist mottled olive brown and dark brown, firm, moist
					5.5		ML	2.5Y 5/4	Clayey SILT: light olive brown, firm, moist, some lenses of organic material
							CL	2.5Y 4/4	Silty CLAY: olive brown, stiff, moist
					10				Boring terminated at 10 feet.
					15				
					20				
					25				
					30				
					35				
					40				

Boring Log

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BORING LOCATION Area 2, LADWP Substation					Boring Name 2BB-2-31	
DRILLING COMPANY Quaternary Investigations			DRILLER Joe Abreau		Project Name Douglas Aircraft	
DRILLING METHOD (S) Earth Probe			DRILL BIT (S) SIZE 1.5 inches		Project Number 974002.00	
DEPTH TO WATER Not Encountered					ELEVATION Not Surveyed	
LOGGED BY J. Knight					DATE STARTED 4/11/97	
					TOTAL DEPTH 26 feet	
					DATE COMPLETED 4/11/97	

SAMPLES				Depth (feet)	Lithology	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS
Driven	Recovered	Collected	Penetration Resistance (blows/inch)					
				6.9		CL	10YR 2/1	Silty CLAY: black, firm, moist
				7.5			10YR 3/2	very dark gray brown, stiff, moist
				5			2.5Y 5/6	light olive brown, stiff, slightly moist
				7.4		ML	2.5Y 6/4	Sandy SILT: light yellow brown, fine sand, firm, slightly moist
				10			2.5Y 5/4	light olive brown, decreasing sand, trace of clay
				15				
				7.8		SM	2.5Y 6/6	Silty SAND: olive yellow, fine, loose, dry
				20				
				25			5Y 7/2	light gray, medium dense, slightly moist
				7.6				
								Boring terminated at 26 feet.
				30				
				35				
				40				

Boring Log

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BORING LOCATION Area 2, LADWP Substation		Boring Name 2BB-2-32	
DRILLING COMPANY Quaternary Investigations		Project Name Douglas Aircraft	
DRILLING METHOD (S) Earth Probe		Project Number 974002.00	
DEPTH TO WATER Not Encountered		ELEVATION Not Surveyed	TOTAL DEPTH 26 feet
LOGGED BY J. Knight		DATE STARTED 4/11/97	DATE COMPLETED 4/11/97
DRILLER Joe Abreau		DRILL BIT (S) SIZE 1.5 inches	

SAMPLES					Depth (feet)	Lithology	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS
Driven	Recovered	Collected	Penetration Resistance (blow/ft)	Head Space Reading (feet)					
					7.0		CL	10YR 3/1	Silty CLAY: very dark gray, stiff, slightly moist
					5		ML	2.5Y 4/4	Clayey SILT: olive brown, some fine sand, stiff, slightly moist
					8.0				firm, moist
					7.9		ML	2.5Y 5/4	Sandy SILT: light olive brown, fine sand, stiff, slightly moist
					7.8		SM	5Y 6/3	Silty SAND: pale olive, fine, loose, dry
					7.8				slightly moist
					30				Boring terminated at 26 feet.
					35				
					40				

Boring Log

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BORING LOCATION Area 2, LADWP Substation		Boring Name 2BB-2-33	
DRILLING COMPANY Quaternary Investigations		DRILLER Joe Abreau	
DRILLING METHOD (S) Earth Probe		Project Name Douglas Aircraft	
DEPTH TO WATER Not Encountered		Project Number 974002.00	
LOGGED BY J. Knight		ELEVATION Not Surveyed	TOTAL DEPTH 26 feet
		DATE STARTED 4/11/97	DATE COMPLETED 4/11/97

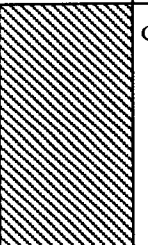
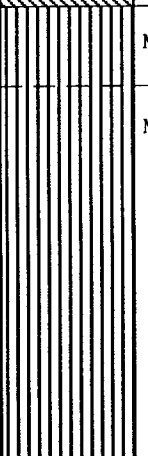
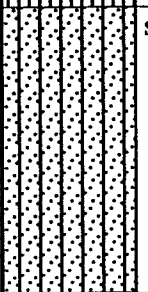
SAMPLES				Depth (feet)	Lithology	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS
Driven	Recovered	Collected	Penetration Resistance (lb/inch)					
				5.6		ML	10YR 3/2	Clayey SILT: very dark gray brown, stiff, slightly moist
				7.1		CL	10YR 3/6	Silty CLAY: dark yellow brown, firm, moist
				5		ML	2.5Y 4/4	Clayey SILT: olive brown, stiff, slightly moist, some fine sand
						ML	2.5Y 5/4	grades to Sandy SILT: light olive brown, fine sand, stiff, slightly moist
				6.3				firm, moist
				10		CL	2.5Y 4/4	grades to Silty CLAY: olive brown, firm, moist
				7.2				very stiff, moist
				6.8		ML	2.5Y 5/4	Sandy SILT: light olive brown, fine sand, firm, slightly moist
				6.3			2.5Y 5/6	light olive brown, firm, moist
				30				Boring terminated at 26 feet.

Boring Log

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BORING LOCATION Area 2, Border with Montrose Chemical		Boring Name 2BB-2-34
DRILLING COMPANY Quaternary Investigations	DRILLER Joe Abreau	Project Name Douglas Aircraft
DRILLING METHOD (S) Earth Probe	DRILL BIT (S) SIZE 1.5 inches	Project Number 974002.00
DEPTH TO WATER Not Encountered		ELEVATION Not Surveyed
LOGGED BY J. Knight		TOTAL DEPTH 26 feet
		DATE STARTED 4/11/97
		DATE COMPLETED 4/11/97

SAMPLES				Depth (feet)	Lithology	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS
Driven	Recovered	Collected	Head Space Reading (ft)					
				5.0		CL	2.5Y 3/3	Silty CLAY: dark olive brown, firm, dry
							2.5Y 4/2	dark gray brown, firm, moist
				5.5		ML	2.5Y 4/4	Clayey SILT with Sand: olive brown, fine sand, stiff, moist
								decreasing clay, increasing sand, firm, slightly moist
				10				soft, moist
				15				increasing clay, soft, moist
				6.1		MI	5Y 6/4	Sandy SILT: pale olive, fine sand, firm, slightly moist
				7.7		SM	2.5Y 5/4	Silty SAND: light olive brown, fine, loose, slightly moist
								Boring terminated at 26 feet.
				30				
				35				
				40				

BORING LOCATION Area 2, Border with Montrose Chemical					Boring Name 2BB-2-35				
DRILLING COMPANY Quaternary Investigations			DRILLER Joe Abreau		Project Name Douglas Aircraft				
ILLING METHOD (S) Earth Probe			DRILL BIT (S) SIZE 1.5 inches		Project Number 974002.00				
DEPTH TO WATER Not Encountered					ELEVATION Not Surveyed				
LOGGED BY J. Knight					TOTAL DEPTH 26 feet				
					DATE STARTED 4/14/97				
					DATE COMPLETED 4/14/97				
SAMPLES					SOIL DESCRIPTION AND DRILLING REMARKS				
Driven	Recovered	Collected	Penetration Resistance (blows/inch)	Head Space (inches)	Depth (feet)	Lithology	USCS Log	Munsell Color	
					6.4		CL	10YR 3/2	Silty CLAY: very dark gray brown, firm, moist
					5			10YR 3/1	very dark gray
								10YR 3/3	dark brown, stiff, slightly moist
					7.0		ML	2.5Y 5/4	Sandy SILT: light olive brown, fine sand, some clay, firm, moist
					10		ML	2.5Y 4/4	grades to Clayey SILT: olive brown, firm, moist, some fine sand
					15				decreasing clay, no sand
					7.2		SM	2.5Y 5/4	Silty SAND: light olive brown, fine, loose, slightly moist
					20				
					7.6				medium dense, slightly moist
					25				
					30				Boring terminated at 26 feet.
					35				
					40				

Boring Log

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BORING LOCATION Area 6, Border with International Light Metals					Boring Name 2BB-6-1	
DRILLING COMPANY Water Development			DRILLER Gary Whitley		Project Name Douglas Aircraft	
DRILLING METHOD (S) CME-85, Hollow Stem Auger			DRILL BIT (S) SIZE 8 inches		Project Number 974002.00	
DEPTH TO WATER Not Encountered					ELEVATION Not Surveyed	
LOGGED BY D. Schneeberger					TOTAL DEPTH 50.5 feet	
					DATE STARTED 4/23/97	
					DATE COMPLETED 4/23/97	

SAMPLES				Depth (feet)	Lithology	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS
Driven	Recovered	Collected	Head Space Reading (ft)					
								Asphalt Concrete, 3" ballast
				4				
				5				
				4				
				2				
				4				
				8				
				2				
				4				
				9				
				2				
				4				
				9				
				3				
				5				
				9				
				4				
				7				
				9				
				0				
				35				
				5				
				7				
				10				

Boring Log

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BORING LOCATION Area 6, Border with International Light Metals		Boring Name 2BB-6-1
DRILLING COMPANY Water Development	DRILLER Gary Whitley	Project Name Douglas Aircraft
DRILLING METHOD (S) CME-85, Hollow Stem Auger	DRILL BIT (S) SIZE 8 inches	Project Number 974002.00
DEPTH TO WATER Not Encountered		ELEVATION Not Surveyed
LOGGED BY D. Schneeberger		TOTAL DEPTH 50.5 feet
		DATE STARTED 4/23/97
		DATE COMPLETED 4/23/97

SAMPLES					Depth (feet)	Lithology	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS
Driven	Recovered	Collected	Penetration (blows/foot)	Head Space Reading (in)					
					45		SP	5Y 5/4	SAND (Continued): olive, loose, damp, fine, abundant shell fragments
			10 14 19	0	50		GC	2.5Y 4/4	Clayey GRAVEL: olive brown, stiff to very stiff, damp, 3" thick layer, gravel is 1/8" to 1/2" in diameter
							SP	5Y 5/4	SAND: olive, medium dense, damp, fine, trace of silt, no shell fragments
					55				
					60				
					65				
					70				
					75				
					80				

Boring terminated at 50.5 feet.

Boring Log

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BORING LOCATION Area 6, Border with International Light Metals					Boring Name 2BB-6-2	
DRILLING COMPANY Water Development			DRILLER Gary Whitley		Project Name Douglas Aircraft	
DRILLING METHOD (S) CME-85, Hollow Stem Auger			DRILL BIT (S) SIZE 8 inches		Project Number 974002.00	
DEPTH TO WATER Not Encountered					ELEVATION Not Surveyed	TOTAL DEPTH 50.5 feet
LOGGED BY D. Schneeberger					DATE STARTED 4/23/97	DATE COMPLETED 4/23/97

SAMPLES				Depth (feet)	Lithology	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS
Driven	Recovered	Collected	Head Space Reading (ppm)					
		4 4 4				CL	10YR 3/1	Asphalt Concrete, 3" ballast CLAY: very dark gray, firm, damp, moderately plastic
		2 3 7	0	5			10YR 3/2	very dark grayish brown, stiff, damp, moderately plastic, trace of fine sand
		2 3 7	0	10		SC	2.5Y 4/3	Clayey Fine SAND: olive brown, stiff, moist, slightly plastic
		3 3 6	0	20				
		5 10 14	0	30		SP	5YR 5/8	SAND: yellowish red, medium dense, damp, fine
		3 6 9	0	40				trace of fossil shell fragments

Boring Log

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BORING LOCATION										Boring Name 2BB-6-2	
Area 6, Border with International Light Metals										Project Name Douglas Aircraft	
DRILLING COMPANY										DRILLER	
Water Development										Gary Whitley	
DRILLING METHOD (S)										DRILL BIT (S) SIZE	
CME-85, Hollow Stem Auger										8 inches	
DEPTH TO WATER										ELEVATION	
Not Encountered										Not Surveyed	
LOGGED BY										TOTAL DEPTH	
D. Schneeberger										50.5 feet	
										DATE STARTED	
										4/23/97	
										DATE COMPLETED	
										4/23/97	
SAMPLES											
Driven	Recovered	Collected	Penetration Resistance (blows/inch)	Head Space (feet)	Depth (feet)	Lithology	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS		
			4 13 17	10.4	45	SP	5YR 5/8	SAND (Continued): yellowish red, medium dense, damp, fine, trace of fossil shell fragments			
					50			dense, no shell fragments			
					55			Boring terminated at 50.5 feet.			
					60						
					65						
					70						
					75						
					80						

Boring Log

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BORING LOCATION Area 6, Border with International Light Metals					Boring Name 2BB-6-3	
DRILLING COMPANY Water Development			DRILLER Gary Whitley		Project Name Douglas Aircraft	
ILLING METHOD (S) CME-85, Hollow Stem Auger			DRILL BIT (S) SIZE 8 inches		Project Number 974002.00	
DEPTH TO WATER Not Encountered					ELEVATION Not Surveyed	
LOGGED BY D. Schneeberger					TOTAL DEPTH 50.5 feet	
					DATE STARTED 4/23/97	
					DATE COMPLETED 4/23/97	

Driven	Recovered	Collected	Penetration Resistance (blows/ft)	Head Space (ft)	Depth (feet)	Lithology	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS
			4				CL	10YR 3/1	Asphalt Concrete, 4" ballast
			6						Sandy CLAY: very dark gray, stiff, moderately plastic, damp, fine sand
			8						
			2	0	5		ML	5YR 5/4	Clayey SILT: reddish brown, very stiff, moist, slightly plastic
			5						
			10						
			2	0	10			5YR 4/3	reddish brown, trace of fine sand
			5						
			6						
			3	0	20		SC	5YR 5/4	Clayey Fine SAND: reddish brown, stiff, damp, slightly plastic
			4						
			7						
			6	0	30		SP	5YR 5/8	SAND: yellowish red, medium dense, damp, fine
			11						
			14						
			4	0	40				trace of silt
			4						
			6						

Boring Log

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BORING LOCATION Area 6, Border with International Light Metals					Boring Name 2BB-6-3	
DRILLING COMPANY Water Development			DRILLER Gary Whitley		Project Name Douglas Aircraft	
ILLING METHOD (S) CME-85, Hollow Stem Auger			DRILL BIT (S) SIZE 8 inches		Project Number 974002.00	
DEPTH TO WATER Not Encountered					ELEVATION Not Surveyed	
LOGGED BY D. Schneeberger					DATE STARTED 4/23/97	
					TOTAL DEPTH 50.5 feet	
					DATE COMPLETED 4/23/97	

Driven	Recovered	SAMPLES			Depth (feet)	Lithology	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS
		Collected	Penetration Resistance (blows/inch)	Head Space Reading (feet)					
						SP	5YR 5/8	SAND (Continued): yellowish red, medium dense, damp, fine, trace of silt	
			7 16 21	2.0	50		5Y 5/4	olive, dense, damp, fine, trace of silt	
					55			Boring terminated at 50.5 feet.	
					60				
					65				
					70				
					75				
					80				

Boring Log

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BORING LOCATION Area 6, Border with International Light Metals					Boring Name 2BB-6-4	
DRILLING COMPANY Water Development			DRILLER Gary Whitley		Project Name Douglas Aircraft	
DRILLING METHOD (S) CME-85, Hollow Stem Auger			DRILL BIT (S) SIZE 8 inches		Project Number 974002.00	
DEPTH TO WATER Not Encountered					ELEVATION Not Surveyed	
LOGGED BY D. Schneeberger					DATE STARTED 4/23/97	
					TOTAL DEPTH 55.5 feet	
					DATE COMPLETED 4/23/97	

SAMPLES				Depth (feet)	Lithology	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS
Driven	Recovered	Collected	Head Space Reading (ft)					
		3 6 6						Asphalt Concrete, 4" ballast
		3 4 3	0	5	ML	5YR 4/4		Clayey SILT: reddish brown, firm, damp, slightly to moderately plastic
		3 4 6	0	10	SC	5YR 5/4		Clayey Fine SAND: reddish brown, stiff, moist, slightly plastic
		4 8 8	0	20				
		3 4 8	0	30	SP	5YR 5/8		SAND: yellowish red, medium dense, damp, fine, trace of silt
		5 5 10	0	40		5YR 4/6		yellowish red, medium dense, damp, fine, trace of silt

Boring Log

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BORING LOCATION Area 6, Border with International Light Metals						Boring Name 2BB-6-4	
DRILLING COMPANY Water Development				DRILLER Gary Whitley		Project Name Douglas Aircraft	
ILLING METHOD (S) CME-85, Hollow Stem Auger				DRILL BIT (S) SIZE 8 inches		Project Number 974002.00	
DEPTH TO WATER Not Encountered						ELEVATION Not Surveyed	
LOGGED BY D. Schneeberger						TOTAL DEPTH 55.5 feet	
						DATE STARTED 4/23/97	
						DATE COMPLETED 4/23/97	

Driven	Recovered	Collected	Penetration Resistance (blow/ft)	Head Space (ft)	Depth (feet)	Lithology	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS
					45		SP	5YR 4/6	SAND (Continued): yellowish red, medium dense, damp, fine, trace of silt
			8 19 26	0	55			5Y 5/4	olive, dense, damp to moist, fine
					60				Boring terminated at 55.5 feet.
					65				
					70				
					75				
					80				

Boring Log

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BORING LOCATION Area 6- Border with International Light Metals		Boring Name 6-4	
DRILLING COMPANY Water Development		DRILLER Brian Fulce	
DRILLING METHOD (S) CME-95, Hollow Stem Auger		DRILL BIT (S) SIZE 8 inches	
DEPTH TO WATER Not Encountered		ELEVATION Not Surveyed	TOTAL DEPTH 50 feet
LOGGED BY Ken Knight		DATE STARTED 3/5/97	DATE COMPLETED 3/5/97

SAMPLES					Depth (feet)	Lithology	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS
Driven	Recovered	Collected	Penetration Resistance (blows/foot)	Head Space Reading (in)					
									Asphalt, 6" Gravel Fill
			2		1.9		CL	10YR 3/2	CLAY: dark brown, dry to slightly moist, stiff, moderately plastic
			4				ML	2.5Y 4/3	SILT: olive brown, dry to slightly moist, very stiff, slightly plastic
			6		2.8	5			
			6						
			8						
			12						
			4		3.1	10			
			7						
			9						
							ML	2.5Y 6/3	Sandy SILT: light yellow brown, dry, very stiff
			3			15			
			7						
			14						
			8		0.9	20	SM	2.5Y 6/4	Silty SAND: light yellow brown, fine, dense, dry
			12						
			22						
							SP	2.5Y 5/6	SAND: light olive brown, fine, dense, dry
						25			
			10		0.9	30		2.5Y 6/4	light yellow brown
			16						
			28						minor shell fragment zone from 34 to 34.5 feet
						35			
							SM	2.5Y 6/6	Silty SAND: olive yellow, dry, dense
			15			40			
			27						
			32				ML	2.5Y 5/6	Sandy SILT: light olive brown, dry, dense

Boring Log

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BORING LOCATION Area 6- Border with International Light Metals		Boring Name 6-4	
DRILLING COMPANY Water Development		DRILLER Brian Fulce	
DRILLING METHOD (S) CME-95, Hollow Stem Auger		DRILL BIT (S) SIZE 8 inches	
DEPTH TO WATER Not Encountered		ELEVATION Not Surveyed	TOTAL DEPTH 50 feet
LOGGED BY Ken Knight		DATE STARTED 3/5/97	DATE COMPLETED 3/5/97
Project Name Douglas Aircraft		Project Number 974002.00	

SAMPLES					Depth (feet)	Lithology	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS
Driven	Recovered	Collected	Penetration (blows/foot)	Head Space Reading (ppm)					
							ML	2.5Y 5/6	Sandy SILT (Continued): light olive brown, dry, dense
							SP	2.5Y 7/2	SAND: light gray, fine, dry, dense
					45		SM	2.5Y 6/4	Silty SAND: light yellowish brown, slightly moist, dense
			12 24 28	2.8			SP	2.5Y 7/2	SAND: light gray, fine, dry, dense
					50				Boring terminated at 50 feet.
					55				
					60				
					65				
					70				
					75				
					80				

Boring Log

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BORING LOCATION Area 6, Border with International Light Metals						Boring Name 2BB-6-5	
DRILLING COMPANY Water Development				DRILLER Gary Whitley		Project Name Douglas Aircraft	
MILLING METHOD (S) CME-85, Hollow Stem Auger				DRILL BIT (S) SIZE 8 inches		Project Number 974002.00	
DEPTH TO WATER Not Encountered						ELEVATION Not Surveyed	
LOGGED BY M. Balderman						TOTAL DEPTH 50.0 feet	
						DATE STARTED 4/24/97	
						DATE COMPLETED 4/24/97	

Driven	Recovered	Collected	Resistance (blow/foot)	Head Space Reading (SPM)	Depth (feet)	Lithology	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS
			2 4 5		13.6	Asphalt Concrete	CL	10YR 2/2	Sandy CLAY: very dark brown, firm, dry to damp, fine sand, moderately plastic
			4 6 9		13.6		ML	10YR 4/4 10YR 2/1	Clayey Sandy SILT: dark yellowish brown, stiff, some fine gravel, dry to damp
			3 4 5		22.7		SM	10YR 5/4	Silty SAND: yellowish brown, loose, dry to damp, fine, trace of fine gravel, 40% fines
			5 5 8		13.6				
			5 7 12		22.7		ML SP/SM	10YR 4/3 10YR 6/3	Sandy SILT: brown, stiff, damp, 35% fine sand SAND: pale brown, trace of fines, medium dense, damp to moist
			7 8 12		13.6		SP	10YR 7/4 10YR 7/7	SAND: very pale brown mottled with yellow, medium dense, damp, trace of fines

Boring Log

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BORING LOCATION					Boring Name 2BB-6-5	
Area 6, Border with International Light Metals					Project Name Douglas Aircraft	
DRILLING COMPANY			DRILLER		Project Number 974002.00	
Water Development			Gary Whitley			
ILLING METHOD (S)			DRILL BIT (S) SIZE			
CME-85, Hollow Stem Auger			8 inches			
DEPTH TO WATER					ELEVATION	TOTAL DEPTH
Not Encountered					Not Surveyed	50.0 feet
LOGGED BY					DATE STARTED	DATE COMPLETED
M. Balderman					4/24/97	4/24/97

Driven	Recovered	SAMPLES			Depth (feet)	Lithology	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS
		Collected	Penetration Resistance (blows/ft)	Head Space (ft)					
						SP	10YR 7/4 10YR 7/7	SAND (Continued): very pale brown mottled with yellow, medium dense, damp, trace of fines	
			10 22 35	22.7		ML SP	10YR 5/6 10YR 7/3	Sandy SILT: yellowish brown, dense, damp, 35% fine sand SAND: very pale brown, dense, damp, trace of fines	
								Boring terminated at 50.0 feet.	

Boring Log

Kennedy/Jenks Consultants

BORING LOCATION					Boring Name 2BB-6-6	
Area 6, Border with International Light Metals					Project Name Douglas Aircraft	
DRILLING COMPANY			DRILLER		Project Number 974002.00	
Water Development			Gary Whitley		ELEVATION	
ILLING METHOD (S)			DRILL BIT (S) SIZE		TOTAL DEPTH	
CME-85, Hollow Stem Auger			8 inches		Not Surveyed	
DEPTH TO WATER					DATE STARTED	
Not Encountered					4/24/97	
LOGGED BY					DATE COMPLETED	
M. Balderman					4/24/97	

Drum	Recovered	Collected	Penetration Resistance (blows/foot)	Head Space (inches)	Depth (feet)	Lithology	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS
			2 3 3				CL	10YR 2/2	Asphalt Concrete Sandy CLAY: very dark brown, firm, dry to damp, some coarse sand and fine gravel
			2 5 8		5		CL/CH	10YR 5/4	Silty CLAY: yellowish brown, stiff, dry to damp, some fine sand
			3 4 6		10				
			5 8 10		20				mottled with calcium carbonate
			5 8 10		30		SP/SM	10YR 6/3	SAND: pale brown, medium dense, damp to moist, some silt
			4 7 10		40		SP	10YR 5/4	Silty SAND: yellowish brown, medium dense, damp to moist, 70% sand

Boring Log

Kennedy/Jenks Consultants

BORING LOCATION Area 6, Border with International Light Metals						Boring Name 2BB-6-6	
DRILLING COMPANY Water Development				DRILLER Gary Whitley		Project Name Douglas Aircraft	
DRILLING METHOD (S) CME-85, Hollow Stem Auger				DRILL BIT (S) SIZE 8 inches		Project Number 974002.00	
DEPTH TO WATER Not Encountered						ELEVATION Not Surveyed	TOTAL DEPTH 51.5 feet
LOGGED BY M. Balderman						DATE STARTED 4/24/97	DATE COMPLETED 4/24/97

SAMPLES					Depth (feet)	Lithology	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS
Driven	Recovered	Collected	Penetration (Resistance)	Head Space (ft)					
					45	SM	10YR 5/4	Silty SAND (Continued): yellowish brown, medium dense, damp to moist, 70% sand	
			4 9 18 8 19 32		50	SP	10YR 7/2	SAND: light gray, dense, damp to moist, some silt	
					55			Boring terminated at 51.5 feet.	
					60				
					65				
					70				
					75				
					80				

Boring Log

Kennedy/Jenks Consultants

BORING LOCATION Area 6, Parking Lot					Boring Name 2BB-6-8	
DRILLING COMPANY Quaternary Investigations			DRILLER Joe Abreau		Project Name Douglas Aircraft	
ILLING METHOD (S) Earth Probe			DRILL BIT (S) SIZE 1.5 inches		Project Number 974002.00	
DEPTH TO WATER Not Encountered					ELEVATION Not Surveyed	
LOGGED BY J. Knight					TOTAL DEPTH 26 feet	
					DATE STARTED 4/16/97	
					DATE COMPLETED 4/16/97	

SAMPLES				Depth (feet)	Lithology	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS
Driven	Recovered	Collected	Penetration Resistance (blows/foot)					
				1.0		CL	10YR 2/2	Asphalt, 3" Silty CLAY: very dark gray brown, firm, moist
				1.2		ML	2.5Y 5/6	Clayey SILT: light olive brown, stiff, slightly moist
				1.6		ML	2.5Y 5/6	SILT with Sand: light olive brown, fine sand, stiff, slightly moist
				1.3			2.5Y 5/2	gray brown, some clay, decreasing sand, stiff, slightly moist
				1.5		ML	2.5Y 4/4	Clayey SILT: olive brown, stiff, slightly moist
				3.9		ML	2.5Y 6/4	Sandy SILT: light yellow brown, very fine sand, stiff, slightly moist
								Boring terminated at 26 feet.

Boring Log

Kennedy/Jenks Consultants

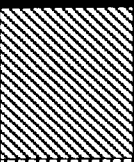

BORING LOCATION Area 6, Parking Lot						Boring Name 2BB-6-9	
DRILLING COMPANY Quaternary Investigations				DRILLER Joe Abreau		Project Name Douglas Aircraft	
DRILLING METHOD (S) Earth Probe				DRILL BIT (S) SIZE 1.5 inches		Project Number 974002.00	
DEPTH TO WATER Not Encountered						ELEVATION Not Surveyed	
LOGGED BY J. Knight						TOTAL DEPTH 26 feet	
						DATE STARTED 4/17/97	
						DATE COMPLETED 4/17/97	

Driven	Recovered	Collected	Penetration Resistance (blows/foot)	Head Space (inches)	Depth (feet)	Lithology	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS
					2.4		ML	10YR 2/2	Asphalt, 3" Clayey SILT: very dark brown, firm, moist
					3.2		CL	10YR 3/2 10YR 3/4 2.5Y 4/4	Silty CLAY: mottled very dark gray brown and dark yellow brown, firm, moist olive brown, stiff, slightly moist, some fine sand
					4.5				
					4.9			2.5Y 5/4	light yellow brown, decreasing clay
					3.9			2.5Y 5/6	light olive brown, trace of clay, firm, moist
					4.0		ML	2.5Y 6/4	Sandy SILT: light yellow brown, fine sand, firm, slightly moist
					30				Boring terminated at 26 feet.
					35				
					40				

Boring Log

Kennedy/Jenks Consultants

BORING LOCATION Area 6, Parking Lot					Boring Name 2BB-6-10	
DRILLING COMPANY Quaternary Investigations			DRILLER Joe Abreau		Project Name Douglas Aircraft	
DRILLING METHOD(S) Earth Probe			DRILL BIT (S) SIZE 1.5 inches		Project Number 974002.00	
DEPTH TO WATER Not Encountered					ELEVATION Not Surveyed	
LOGGED BY J. Knight					DATE STARTED 4/17/97	
					TOTAL DEPTH 26 feet	
					DATE COMPLETED 4/17/97	

Driven	Recovered	SAMPLES	Penetration Resistance (blows/foot)	Head Space Reading (ft)	Depth (feet)	Lithology	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS
					2.2		CL	10YR 2/2	Asphalt, 3" Silty CLAY: very dark brown, firm, moist
				2.7	2.5Y 4/4		olive brown		
					5		ML	2.5Y 4/4	Clayey SILT: olive brown, stiff, slightly moist
				3.4				decreasing clay, some fine sand, stiff, moist	
				3.1	15		2.5Y 5/4	light olive brown, firm, moist	
					3.3	20		2.5Y 5/6	light olive brown, stiff, slightly moist
					3.0	25	SM	2.5Y 6/6	Silty SAND: olive yellow, fine, loose, slightly moist
					30				Boring terminated at 26 feet.
					35				
					40				

Boring Log

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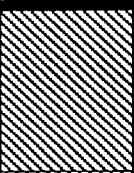
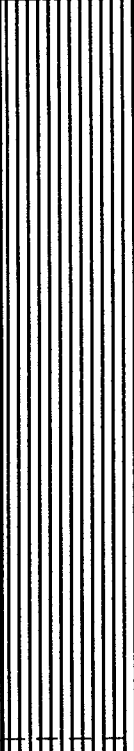
BORING LOCATION Area 6, Parking Lot					Boring Name 2BB-6-11	
DRILLING COMPANY Quaternary Investigations			DRILLER Joe Abreau		Project Name Douglas Aircraft	
DRILLING METHOD (S) Earth Probe			DRILL BIT (S) SIZE 1.5 inches		Project Number 974002.00	
DEPTH TO WATER Not Encountered					ELEVATION Not Surveyed	TOTAL DEPTH 26 feet
LOGGED BY J. Knight					DATE STARTED 4/17/97	DATE COMPLETED 4/17/97

Driven	Recovered	Collected	Penetration Resistance (blows/foot)	Head Space Reading (in)	Depth (feet)	Lithology	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS	
					2.1	CL	2.5Y 2.5/1	2.5Y 2.5/1	Asphalt, 3"	
				2.1						Silty CLAY: black, firm, moist
				5						
						ML	2.5Y 4/4 2.5Y 3/3	2.5Y 4/4	mottled olive brown and dark olive brown, firm, moist	
										Clayey SILT: olive brown, firm, moist
				2.8						
				10						slightly moist
				15						firm, moist
					2.4					
					2.9				increasing clay, stiff, slightly moist	
					2.4			2.5Y 5/6	light olive brown, firm, moist, trace of fine sand	
					30				Boring terminated at 26 feet.	
					35					
					40					

Boring Log

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BORING LOCATION Area 6, Parking Lot					Boring Name 2BB-6-12	
DRILLING COMPANY Quaternary Investigations			DRILLER Joe Abreau		Project Name Douglas Aircraft	
DRILLING METHOD (S) Earth Probe			DRILL BIT (S) SIZE 1.5 inches		Project Number 974002.00	
DEPTH TO WATER Not Encountered					ELEVATION Not Surveyed	
LOGGED BY J. Knight					DATE STARTED 4/17/97	
					TOTAL DEPTH 26 feet	
					DATE COMPLETED 4/17/97	

SAMPLES				Depth (feet)	Lithology	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS
Driven	Recovered	Collected	Head Space Reading (ft)					
				2.8		CL	2.5Y 3/1	Asphalt, 2"
				3.4				2.5Y 3/3
				5		ML	2.5Y 4/4	dark olive brown, stiff, slightly moist
				5				Clayey SILT: olive brown, very stiff, slightly moist,
				4.8				stiff
				10				some fine sand, decreasing clay
				15				firm, moist
				20				stiff, moist
				25		ML	2.5Y 5/6	Sandy SILT: light olive brown, fine sand, firm, slightly moist
				30				Boring terminated at 26 feet.
				35				
				40				

Boring Log

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BORING LOCATION Area 6, Parking Lot					Boring Name 2BB-6-13	
DRILLING COMPANY Quaternary Investigations			DRILLER Joe Abreau		Project Name Douglas Aircraft	
DRILLING METHOD (S) Earth Probe			DRILL BIT (S) SIZE 1.5 inches		Project Number 974002.00	
DEPTH TO WATER Not Encountered					ELEVATION Not Surveyed	
LOGGED BY J. Knight					TOTAL DEPTH 26 feet	
					DATE STARTED 4/17/97	
					DATE COMPLETED 4/17/97	

SAMPLES				Depth (feet)	Lithology	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS
Driven	Recovered	Collected	Penetration Resistance (blows/inch)					
				11.6		CL	2.5Y 2.5/1	Asphalt, 3" Silty CLAY: black, stiff, moist
				10.9			10YR 3/3 10YR 3/4	mottled dark brown and dark yellow brown, stiff, moist
				5		ML	2.5Y 5/6	Clayey SILT: light olive brown, stiff, slightly moist
								very stiff, slightly moist
				11.8			2.5Y 4/4	olive brown
				11.5			2.5Y 5/4	light olive brown
				11.7		ML	2.5Y 5/4	Sandy SILT: light olive brown, fine sand, firm, moist
				11.2		SM	2.5Y 6/4	Silty SAND: light yellow brown, fine, loose, slightly moist
								Boring terminated at 26 feet.

Boring Log

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BORING LOCATION Area 6, Parking Lot					Boring Name 2BB-6-14	
DRILLING COMPANY Quaternary Investigations			DRILLER Joe Abreau		Project Name Douglas Aircraft	
ILLING METHOD (S) Earth Probe			DRILL BIT (S) SIZE 1.5 inches		Project Number 974002.00	
DEPTH TO WATER Not Encountered					ELEVATION Not Surveyed	
LOGGED BY J. Knight					TOTAL DEPTH 26 feet	
					DATE STARTED 4/17/97	
					DATE COMPLETED 4/17/97	

SAMPLES				Depth (feet)	Lithology	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS
Driven	Recovered	Collected	Head Space (ft)					
				1.7		CL	10YR 2/1	Asphalt, 3" Silty CLAY: black, stiff, moist
				2.5		ML	2.5Y 4/4	Clayey SILT: olive brown, stiff, slightly moist
				5				trace of fine sand
				3.0		ML	2.5Y 4/4	Sandy SILT: olive brown, stiff, moist, fine sand
				10				
				15		ML	2.5Y 4/4	Clayey SILT: olive brown, very stiff, moist
				20				
				3.5		SM	2.5Y 6/8	Silty SAND: olive yellow, fine, loose, slightly moist
				25				
				3.2				
				30				Boring terminated at 26 feet.
				35				
				40				

Boring Log

Kennedy/Jenks Consultants

BORING LOCATION Area 6, Parking Lot					Boring Name 2BB-6-15	
DRILLING COMPANY Quaternary Investigations			DRILLER Joe Abreau		Project Name Douglas Aircraft	
ILLING METHOD (S) Earth Probe			DRILL BIT (S) SIZE 1.5 inches		Project Number 974002.00	
DEPTH TO WATER Not Encountered					ELEVATION Not Surveyed	
LOGGED BY J. Knight					TOTAL DEPTH 26 feet	
					DATE STARTED 4/18/97	
					DATE COMPLETED 4/18/97	

SAMPLES				Depth (feet)	Lithology	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS
Driven	Recovered	Collected	Head Space Reading (feet)					
				2.6	CL	10YR 2/2	Asphalt, 3"	
				2.3			10YR 3/3	dark brown, stiff, slightly moist
				5			2.5Y 5/3	Clayey SILT: light olive brown, very stiff, slightly moist
				10			2.5Y 4/4	olive brown
				3.1			firm, moist	
				2.9			decreasing clay	
				2.8				
				2.4	SM	2.5Y 5/6	Silty SAND: light olive brown, fine, loose, slightly moist	
				30			Boring terminated at 26 feet.	
				35				
				40				

Boring Log **Kennedy/Jenks Consultants**

Boring Log **Kennedy/Jenks Consultants**

BORING LOCATION					Boring Name				
Area 6, Parking Lot					2BB-6-16				
DRILLING COMPANY			DRILLER		Project Name				
Quaternary Investigations			Joe Abreau		Douglas Aircraft				
ILLING METHOD (S)			DRILL BIT (S) SIZE		Project Number				
Earth Probe			1.5 inches		974002.00				
DEPTH TO WATER					ELEVATION	TOTAL DEPTH			
Not Encountered					Not Surveyed	26 feet			
LOGGED BY					DATE STARTED	DATE COMPLETED			
J. Knight					4/18/97	4/18/97			
Driven	Recovered	Collected	Penetration Resistance (blows/ft)	Head Space (ft)	Depth (feet)	Lithology	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS
				1.0			CL	10YR 2/1	Asphalt, 3" Silty CLAY: black, firm, moist
				1.5				10YR 3/2	very dark brown
				5			ML	2.5Y 5/6	Clayey SILT: light olive brown, stiff, slightly moist
				0.7				2.5Y 5/4	light olive brown, decreasing clay
				1.7			ML	2.5Y 5/4	Sandy SILT: light olive brown, fine sand, stiff, slightly moist
				2.1			ML	2.5Y 5/4	Clayey SILT: light olive brown, stiff, slightly moist
				3.7					decreasing clay, some fine sand, firm, moist
									Boring terminated at 26 feet.

Boring Log

Kennedy/Jenks Consultants

BORING LOCATION Area 6, Parking Lot					Boring Name 2BB-6-17	
DRILLING COMPANY Water Development			DRILLER Gary Whitley		Project Name Douglas Aircraft	
DRILLING METHOD (S) CME-85, Hollow Stem Auger			DRILL BIT (S) SIZE 8 inches		Project Number 974002.00	
DEPTH TO WATER Not Encountered					ELEVATION Not Surveyed	TOTAL DEPTH 50.0 feet
LOGGED BY M. Balderman					DATE STARTED 4/24/97	DATE COMPLETED 4/24/97

Driven	Recovered	Collected	Penetration Resistance (lb/inch)	Head Space (ft)	Depth (feet)	Lithology	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS
			3 3 4				CL	10YR 2/2	Asphalt Concrete Sandy CLAY: very dark brown, firm, dry to damp, moderately plastic
			3 3 9		5		ML/CL	10YR 4/3	Silty CLAY/ Clayey SILT: brown, stiff, damp, slightly plastic, trace of fine sand
			3 4 7		10		ML	10YR 4/4	Clayey SILT/ Sandy SILT: brown, 30% fine sand, damp, stiff, minor calcium carbonate mottling
			6 10 16		20		CL	10YR 4/4	Silty CLAY: brown, dry to damp, moderately plastic, trace of fine sand
			4 11 15		30		SM	2.5Y 5/4	Silty SAND: light olive brown, medium dense, damp, fine, 70% sand, trace of mica
			9 12 16		40			2.5Y 6/3	light yellowish gray, damp, dense, fine to medium, 30% shell fragments, 20% fines

Boring Log

Kennedy/Jenks Consultants

BORING LOCATION Area 6, Parking Lot					Boring Name 2BB-6-17	
DRILLING COMPANY Water Development			DRILLER Gary Whitley		Project Name Douglas Aircraft	
DRILLING METHOD (S) CME-85, Hollow Stem Auger			DRILL BIT (S) SIZE 8 inches		Project Number 974002.00	
DEPTH TO WATER Not Encountered					ELEVATION Not Surveyed	TOTAL DEPTH 50.0 feet
LOGGED BY M. Balderman					DATE STARTED 4/24/97	DATE COMPLETED 4/24/97

Drum	Recovered	Collected	SAMPLES		Depth (feet)	Lithology	USCS Log	Munsell Color	SOIL DESCRIPTION AND DRILLING REMARKS
			Penetration Resistance (blows/foot)	Head Space Reading (in)					
					45				
			8						
			18						
			27		50		SM	2.5Y 6/3	Silty SAND (Continued): light yellowish gray, damp, dense, fine to medium, 30% shell fragments, 20% fines
								2.5Y 5/3	light olive brown, damp, dense, fine, 40% fines, trace of fine mica, thinly laminated
					55				Boring terminated at 50.0 feet.
					60				
					65				
					70				
					75				
					80				